

## MaxLite® Universal Downlight



### General Safety Information

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For Residential installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.



Picture is for illustration purposes only.  
Your model may vary.

### **WARNING:**

#### **RISK OF ELECTRICAL SHOCK**

- Turn off the electrical power at fuse or circuit breaker box before wiring fixture to power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

### **CAUTION:**

- Don't replace any accessory to prevent from dropping, electric shock or fire. Etc.
- Don't touch the lamp when in use.
- Always switch off the mains supply. 5-10 minutes later to replace the lamp after the used lamp has cooled down.
- Lamps should only be used in a protective shield!

### **CAUTION:**

#### **RISK OF INJURY**

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

### **CAUTION:**

#### **RISK OF FIRE**

- Keep combustible and other materials that can burn away from luminaire.
- **MIN 90°C SUPPLY CONDUCTORS.**

Models:

**RCF Universal Downlight Series**

**Input Rating: 120/277V 60 Hz**

**Operating Temperature: -4°F to 104°F (-20°C to 40°C)**

**Damp Location Rated**

# MaxLite® Universal Downlight

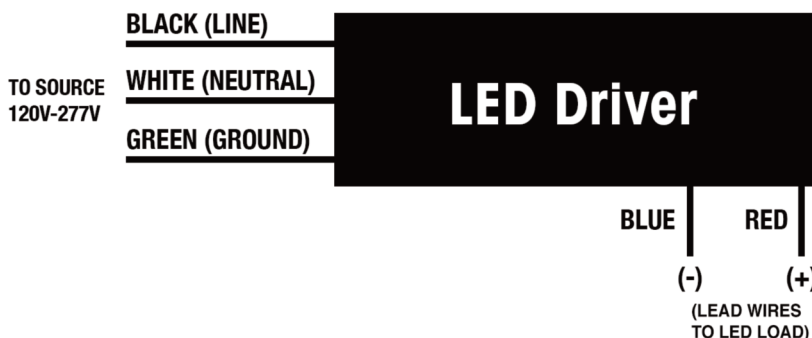


## General Wiring Diagram

**CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

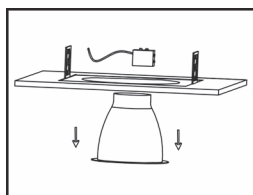
**Input Rating: 120/277V 60 Hz**

Black = Line  
 White = Neutral  
 Green = Ground

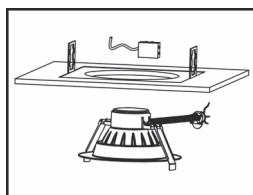


## Retrofit Installation

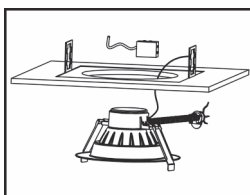
- 1.) Make sure the POWER IS TURNED OFF at the source to the recessed housing in which you are installing the product.
- 2.) Remove the existing lamps and trim (**Figure 1**)
- 3.) Attach the carabiner safety clip to the existing fixture housing (**Figure 2**)
- 4.) Open the J-box and cut away all wires connected to the ballast. Insert lamp conduit into the J-box and wire to power source (black to hot, white to neutral, green to ground) (**Figure 3**) Reattach J-box cover when done.
- 5.) Squeeze the two housing clips so they are in an upright position and insert lamp into housing (**Figure 4**)
- 6.) Once lamp is inside the housing, release the housing clips and continue pushing lamp into housing until securely fixed and flush with ceiling (**Figure 5**). Completed retrofit shown in **Figure 6**.



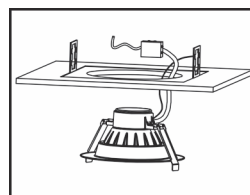
**Fig. 1**



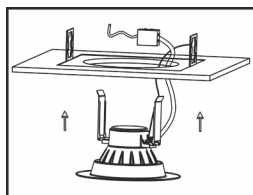
**Fig. 2**



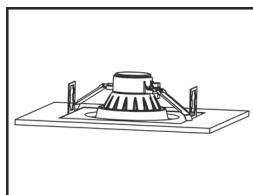
**Fig. 3**



**Fig. 4**



**Fig. 5**



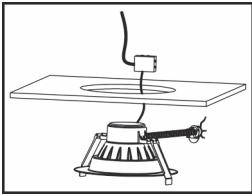
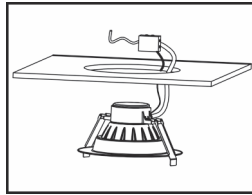
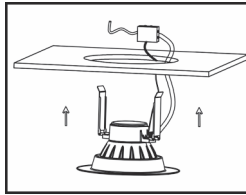
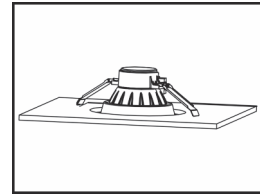
**Fig. 6**

## MaxLite® Universal Downlight



### New Construction Installation

- 1.) Make sure the **POWER IS TURNED OFF** at the source to the recessed housing in which you are installing the product.
- 2.) Attach the carabiner safety clip to a structural support (**Figure 1**)
- 3.) Insert lamp conduit into the J-box and wire to power source (black to hot, white to neutral, green to ground) (**Figure 2**) Reattach J-box cover when done.
- 4.) Squeeze the two housing clips so they are in an upright position and insert lamp into housing (**Figure 3**)
- 5.) Once lamp is inside the housing, release the housing clips and continue pushing lamp into housing until securely fixed and flush with ceiling (**Figure 4**)

**Fig. 1****Fig. 2****Fig. 3****Fig. 4**

## MaxLite® Universal Downlight



### Warranty Information

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at <http://maxlite.com/resources/warranties>) for the complete terms and conditions of our warranty.

#### Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

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